

THAT WHICH IS CLAIMED IS:

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1. A vehicle security system comprising:  
at least one security sensor and a security  
controller connected thereto;  
a siren comprising  
5 a housing,  
a siren electrical signal generator circuit  
carried by said housing for generating an  
electrical siren security alarm signal responsive  
to said security controller,  
10 a shock detector circuit carried by said  
housing for processing an electrical shock sense  
signal for said security controller, and  
an electrical/mechanical (E/M) transducer  
carried by said housing for sounding a siren  
15 security alarm responsive to the electrical siren  
security alarm signal, and for generating the  
electrical shock sense signal responsive to  
mechanical shock.
2. A vehicle security system according to Claim 1  
wherein the vehicle includes an ignition switchable  
between ON and OFF positions; and wherein said siren is  
operable responsive to the ignition being in the OFF  
5 position and is not operable responsive to the ignition  
being in the ON position.
3. A vehicle security system according to Claim 1  
wherein said security controller is switchable between  
an armed mode for causing said siren to generate the  
siren security alarm responsive to said at least one  
5 security sensor, and a disarmed mode.

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5. A vehicle security device according to Claim 1 wherein said shock detecting circuit generates a first output based upon detecting a shock within a first intensity range, and generates a second output based upon detecting a shock within a second intensity range.

7. A vehicle security device according to Claim 1 wherein said E/M transducer comprises a loudspeaker.

9. A vehicle security system according to Claim 1 further comprising a receiver connected to said security controller, and at least one remote transmitter communicating with said receiver.

10. A vehicle security system according to Claim 9 wherein said receiver and said at least one remote transmitter operate with changing codes.

11. A siren for operation with a vehicle security system comprising at least one security sensor and a security controller connected thereto, the siren comprising:

- 5       a housing;
- a siren electrical signal generator circuit carried by said housing for generating an electrical siren security alarm signal responsive to the security controller;
- 10       a shock detector circuit carried by said housing for processing an electrical shock sense signal for the security controller; and
- an electrical/mechanical (E/M) transducer carried by said housing for sounding a siren security alarm
- 15       responsive to the electrical siren security alarm signal, and for generating the electrical shock sense signal responsive to mechanical shock.

12. A siren according to Claim 11 wherein the vehicle includes an ignition switchable between ON and OFF positions; and wherein said siren is operable responsive to the ignition being in the OFF position and

5       is not operable responsive to the ignition being in the ON position.

13. A siren according to Claim 11 wherein the security controller is switchable between an armed mode for causing said siren to generate the siren security alarm responsive to said at least one security sensor,

5       and a disarmed mode.

14. A siren according to Claim 13 wherein the at least one vehicle security sensor comprises a hood switch; and wherein said shock detector is operatively

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coupled to the security controller through the hood  
5 switch.

15. A siren according to Claim 11 wherein said  
shock detecting circuit generates a first output based  
upon detecting a shock within a first intensity range,  
and generates a second output based upon detecting a  
5 shock within a second intensity range.

16. A siren according to Claim 15 wherein the  
first intensity range is less than the second intensity  
range; and wherein the first output causes a reduced  
siren security alarm and the second output causes a full  
5 siren security alarm.

17. A siren according to Claim 11 wherein said E/M  
transducer comprises a loudspeaker.

18. A siren according to Claim 11 wherein said  
housing is for mounting within a vehicle engine  
compartment.

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19. A siren comprising:  
a housing;  
a siren electrical signal generator circuit carried  
by said housing for generating an electrical siren  
5 security alarm signal;  
a shock detector circuit carried by said housing  
for processing an electrical shock sense signal; and  
an electrical/mechanical (E/M) transducer carried  
by said housing for sounding a siren security alarm  
10 responsive to the electrical siren security alarm  
signal, and for generating the electrical shock sense  
signal responsive to mechanical shock.

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20. A siren according to Claim 19 wherein (the vehicle) includes an ignition switchable between ON and OFF positions; and wherein said siren is operable responsive to the ignition being in the OFF position and  
5 is not operable responsive to the ignition being in the ON position.

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21. A siren according to Claim 19 wherein said shock detecting circuit generates a first output based upon detecting a shock within a first intensity range, and generates a second output based upon detecting a  
5 shock within a second intensity range.

22. A siren according to Claim 21 wherein the first intensity range is less than the second intensity range; and wherein the first output causes a reduced siren security alarm and the second output causes a full  
5 siren security alarm.

23. A siren according to Claim 19 wherein said E/M transducer comprises a loudspeaker.

24. A siren according to Claim 19 wherein said housing is for mounting within a vehicle engine compartment.

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25. A method for providing vehicle security comprising:

connecting a siren in the vehicle, the siren comprising a housing, a siren electrical signal  
5 generator circuit carried by the housing, a shock detector circuit carried by the housing, and an electrical/mechanical (E/M) transducer carried by the housing;

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10 generating an electrical siren security alarm  
signal using the siren electrical signal generator  
circuit and sounding a siren security alarm responsive  
thereto using the E/M transducer; and

15 generating the electrical shock sense signal  
responsive to mechanical shock using the E/M transducer  
and processing the electrical shock sense signal using  
the shock detector circuit.

26. A method according to Claim 25 wherein the  
vehicle includes an ignition switchable between ON and  
OFF positions; and further comprising operating the  
siren responsive to the ignition being in the OFF  
5 position and not operating the siren responsive to the  
ignition being in the ON position.

27. A method according to Claim 25 further  
comprising using the shock detecting circuit to generate  
a first output based detecting a shock within a first  
intensity range, and to generate a second output based  
5 upon detecting a shock within a second intensity range.

28. A method according to Claim 27 wherein the  
first intensity range is less than the second intensity  
range; and further comprising generating a reduced siren  
security alarm responsive to the first output, and  
5 generating a full siren security alarm responsive to the  
second output.

29. A method according to Claim 25 wherein the E/M  
transducer comprises a loudspeaker.

30. A method according to Claim 25 wherein  
connecting the siren in the vehicle comprises

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positioning the housing within a vehicle engine  
compartment.

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